

State of Delaware
Department of Natural Resources and Environmental Control
Division of Air Quality

State Street Commons
100 W. Water Street, Suite 6A
Dover, DE 19904

7 DE Admin. Code 1130 (Title V) Operating Permit
Facility I.D. Number: 1000300021
Permit Number: AQM-003/00021-Renewal 1

Effective Date: January 20, 2021

Expiration Date: January 20, 2026

Renewal Application Due Date: January 20, 2025

Pursuant to 7 **Del. C.**, Ch 60, Section 6003, 7 **DE Admin. Code** 1102 Section 2.0, and 7 **DE Admin. Code** 1130 Section 7.2, approval by the Department of Natural Resources and Environmental Control ("Department") is hereby granted to operate the emission units listed in Condition 1 of this permit subject to the terms and conditions of this permit.

This approval is granted to:

Permittee/Owner (hereafter referred to as "Company/Owner")	Operator (hereafter referred to as "Operator")
Sunoco Partners Marketing & Terminals L.P. (SPMT) 100 Green Street Marcus Hook, Pennsylvania 19061 Responsible Official: Edward G. Human Title: Senior Director – Marcus Hook Operations	Sunoco Partners Marketing & Terminals L.P. (SPMT) 100 Green Street Marcus Hook, Pennsylvania 19061
Plant Site Location (hereafter referred to as "Facility") Sunoco Partners Marketing & Terminals L.P. (SPMT)	Plant Mailing Address Sunoco Partners Marketing & Terminals L.P. (SPMT)
100 Green Street Marcus Hook, Pennsylvania 19061	Sunoco Partners Marketing & Terminals L.P. (SPMT) 100 Green Street Marcus Hook, Pennsylvania 19061

The nature of business of the Facility is Special Warehousing and Storage. The Standard Industrial Classification code is 4226. The North American Industry Classification System code is 493190.



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Condition 1- Emission Unit Identification

[Reference: 7 DE Admin. Code 1130 Section 3.3 dated 11/15/93]

a. Emission Units Information.

Emission Units	Emission Unit Description
Emission Unit 09 (Emission Point ID: SM1)	State SOCMI Requirements
Emission Unit 22 (Emission Point ID: DK1)	Dock 3C
Emission Unit 23 (Emission Point ID: G1)	General Site Requirements

b. 7 DE Admin. Code 1102 Permit Identification.

This table identifies the underlying permits whose provisions have been incorporated into this Title V permit and specifies the reference number that will be used to identify the source of the underlying permit condition throughout this Title V permit.

There are currently no underlying 7 DE Admin. Code 1102 permits issued to the facility. The facility has been operating under the requirements contained in Title V Operating **Permit: AQM-003/00021** for emission units: (09) State SOCMI – pipeline throughput; (22) – Dock 3C; and (23) - General site requirements for equipment operation and maintenance, opacity, odor and VOC handling.

Condition 2 - General Requirements

a. Certification.

1. Each document submitted to the Department/EPA as required by this permit shall be certified by a Responsible Official as to truth, accuracy, and completeness. Such certification shall be signed by a Responsible Official and shall contain the following language: "I certify, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete." *[Reference: 7 DE Admin. Code 1130 Section 5.6 dated 11/15/93 and 6.3.1 dated 12/11/00]*
2. Any report of deviations required under Conditions 3(c)(2)(ii) or 3(c)(2)(iii) that must be submitted to the Department within ten calendar days of discovery of the deviation, may be submitted in the first instance without a certification provided a certification meeting the requirements of Condition 2(a)(1) is submitted to the Department within ten calendar days thereafter, together with any corrected or supplemental information required concerning the deviation. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.3.4 dated 12/11/00]*
3. Each document submitted to the Department/EPA pursuant to this permit shall be sent to the following addresses except as noted in Condition 2(a)(4):

State of Delaware – DNREC Division of Air Quality State Street Commons 100 W. Water Street, Suite 6A Dover, DE 19904	U.S. Environmental Protection Agency Region III Enforcement and Compliance Assurance Division (3ED21) 1650 Arch Street Philadelphia, PA 19103-2029
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Condition 2- General Requirements (Cont.)

ATTN: Division Director	
No. of Originals: <u>1</u> & No. of Copies: <u>1</u>	No. of Copies: <u>1</u>

4. In lieu of submitting a physical copy of the Compliance Certification report specified in Condition 3(c)(3) of this permit to the EPA, the Owner and/or Operator may, and is encouraged to, submit an electronic copy of the report to ***R3_APD_Permits@epa.gov*** as a PDF document. The signed original annual General Certification report must be submitted to the Department at the address in Condition 2(a)(3).

b. Compliance.

1. The Owner and/or Operator shall comply with all terms and conditions of this permit. Any noncompliance with this permit constitutes a violation of the applicable requirements under the Clean Air Act, and/or **7 DE Admin. Code 1100**, and is grounds for an enforcement action; for permit termination, revocation, and reissuance or modification; or for denial of a permit renewal. *[Reference: 7 DE Admin. Code 1130 Section 6.1.7.1 dated 12/11/00]*
2.
 - i. For applicable requirements with which the source is in compliance, the Owner and/or Operator shall continue to comply with such requirements. *[Reference: 7 DE Admin. Code 1130 Sections 5.4.8.3.1 dated 11/15/93 and 6.3.3 dated 12/11/00]*
 - ii. For applicable requirements that will become effective during the term of this permit, the Owner and/or Operator shall meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement. *[Reference: 7 DE Admin. Code 1130 Sections 5.4.8.3.2 dated 11/15/93 and 6.3.3 dated 12/11/00]*
3. Nothing in Condition 2(b)(1) of this permit shall be construed to preclude the Owner and/or Operator from making changes consistent with Condition 2(m)(3) [Minor Permit Modifications] or Condition 4(a) [Operational Flexibility]. *[Reference: 7 DE Admin. Code 1130 Sections 6.8 dated 12/11/00 and 7.5.1.5 dated 12/11/00]*
4. The fact that it would have been necessary to halt or reduce an activity in order to maintain compliance with the terms and conditions of this permit shall not constitute a defense for the Owner and/or Operator in any enforcement action. Nothing in this permit shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in assessing penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continuing operations. *[Reference: 7 DE Admin. Code 1130 Section 6.1.7.2 dated 12/11/00]*
5. The Owner and/or Operator may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency or malfunction if both the record keeping requirements in Condition 3(b)(2)(iii) and the reporting requirements in Condition 3(c)(2)(ii)(A) are satisfied. *[Reference: 7 DE Admin. Code 1130 Section 6.7.2 dated 12/11/00]*
6.
 - i. In any enforcement proceeding, the Owner and/or Operator seeking to establish the occurrence of an emergency or malfunction has the burden of proof. *[Reference: 7 DE Admin. Code 1130 Section 6.7.4 dated 12/11/00]*
 - ii. The provisions of **7 DE Admin. Code 1130** pertaining to Emergency/Malfunctions as defined in Conditions Nos. 2(b)(5); 2(b)(6); 3(b)(2)(iii); and 3(c)(2)(ii)(A) of this permit are in addition to any emergency or malfunction provision contained in any applicable requirement. *[Reference: 7 DE Admin. Code 1130 Section 6.7.5 dated 12/11/00]*
7. Reserved.

Condition 2- General Requirements (Cont.)

8. If required, the schedule of compliance in Condition 5 of this permit is supplemental to and shall not sanction noncompliance with the applicable requirements upon which it is based. *[Reference: 7 DE Admin. Code 1130 Section 5.4.8.3.3 dated 11/15/93]*
 9. Nothing in this permit shall be interpreted to preclude the use of any credible evidence to demonstrate noncompliance with any term of this permit. *[Reference: 62 FR 8314 dated 2/24/97]*
 10. All terms and conditions of this permit are enforceable by the Department and by the U.S. Environmental Protection Agency ("EPA") unless specifically designated as "State Enforceable Only" *[Reference: 7 DE Admin. Code 1130 Section 6.2.1 dated 12/11/00]*
- c. Confidentiality.** The Owner and/or Operator may make a claim of confidentiality for any information or records submitted to the Department. However, by submitting a permit application, the Owner and/or Operator waives any right to confidentiality as to the contents of its permit, and the permit contents will not be entitled to protection under 7 Del. C., Ch 60, § 6014. *[Reference: 7 DE Admin. Code 1130 Sections 5.1.4 dated 11/15/93, 6.1.3.3.5 dated 12/11/00, and 6.1.7.5 dated 12/11/00]*
1. Confidential information shall meet the requirements of 7 Del. C., Ch 60, § 6014, and 29 Del. C., Ch 100. *[Reference: 7 DE Admin. Code 1130 Section 5.1.4 dated 11/15/93]*
 2. If the Owner and/or Operator submits information to the Department under a claim of confidentiality, the Owner and/or Operator shall also submit a copy of such information directly to the EPA, if the Department requests that the Owner and/or Operator do so. *[Reference: 7 DE Admin. Code 1130 Section 5.1.4 dated 11/15/93]*
- d. Construction, Installation, or Alteration.** The Owner and/or Operator shall not initiate construction, installation, or alteration of any equipment or facility or air contaminant control device which will emit or prevent the emission of an air contaminant prior to submitting an application to the Department under 7 DE Admin. Code 1102, and, when applicable, 7 DE Admin. Code No. 1125, and receiving approval of such application from the Department; except as exempted in 7 DE Admin. Code 1102 Section 2.2. *[Reference: 7 DE Admin. Code 1102 Section 2.1 dated 6/1/97 and 7 DE Admin. Code 1130 Section 7.2.3 dated 12/11/00]*
- e. Definitions/Abbreviations.** Except as specifically provided for below, for the purposes of this permit, terms used herein shall have the same meaning accorded to them under the applicable requirements of the Clean Air Act and 7 DE Admin. Code 1100.
1. "Act" means the Clean Air Act, as amended by the Clean Air Act Amendments of November 15, 1990, 42 U.S.C. 7401 *et seq.* *[Reference: 7 DE Admin. Code 1130 Section 2 dated 11/15/93]*
 2. "AP-42" means the Compilation of Air Pollutant Emission Factors, Fifth Edition, AP-42, dated January 15, 1995, as amended with Supplements and Updates.
 3. "CFR" means Code of Federal Regulations.
 4. "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the sources, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. *[Reference: 7 DE Admin. Code 1130 Section 6.7.1 dated 12/11/00]*
 5. "Malfunction" means any sudden and unavoidable failure of air pollution control equipment or of a process to operate in a normal or usual manner, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in

Condition 2- General Requirements (Cont.)

emissions attributable to the malfunction. A malfunction shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. *[Reference: 7 DE Admin. Code 1130 Section 6.7.1 dated 12/11/00]*

6. "Number 2 fuel oil" and "No. 2 fuel oil" means distillate oil.
7. "Reg." and "Regulation" mean the regulations covered under 7 **DE Admin. Code 1100**.
8. "Regulations Governing the Control of Air Pollution" means the codification of those regulations enacted by the Delaware Department of Natural Resources and Environmental Control, in accordance with 7 **Del. C.**, Ch 60, § 6010.

f. Duty to Supplement.

1. Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the Owner and/or Operator shall promptly submit to the Department such supplementary facts or corrected information. *[Reference: 7 DE Admin. Code 1130 Section 5.2 dated 11/15/93]*
2. The Owner and/or Operator shall promptly submit to the Department information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to the release of a corresponding draft permit. *[Reference: 7 DE Admin. Code 1130 Section 5.2 dated 11/15/93]*
3. The Owner and/or Operator shall furnish to the Department, upon receipt of a written request and within a reasonable time specified by the Department:
 - i. Any information that the Department determines is reasonably necessary to evaluate or take final action on any permit application submitted in accordance with Condition 2(l) or 2(m) of this permit. The Owner and/or Operator may request an extension to the deadline the Department may impose on the response for such information. *[Reference: 7 DE Admin. Code 1130 Section 5.1.2.3 dated 11/15/93]*
 - ii. Any information that the Department requests to determine whether cause exists to modify, terminate, or revoke this permit, or to determine compliance with the terms and conditions of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.1.7.5 dated 12/11/00]*
 - iii. Copies of any records required to be kept by this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.1.7.5.7 dated 12/11/00]*

g. Emission Trading. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. *[Reference: 7 DE Admin. Code 1130 Section 6.1.9 dated 12/11/00]*

h. Fees. The Owner and/or Operator shall pay fees to the Department consistent with the fee schedule established by the Delaware General Assembly. *[Reference: 7 DE Admin. Code 1130 Section 6.1.8 dated 12/11/00 and Section 9.0 dated 11/15/93]*

i. Inspection and Entry Requirements. Upon presentation of identification, the Owner and/or Operator shall allow authorized officials of the Department to perform the following:

1. Enter upon the Owner and/or Operator's premises where a source is located or an emissions-related activity is conducted, or where records that must be kept under the terms and conditions of this permit are located. *[Reference: 7 DE Admin. Code 1130 Section 6.3.2.1 dated 12/11/00]*
2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.3.2.2 dated 12/11/00]*

Condition 2- General Requirements (Cont.)

3. Inspect, at reasonable times and using reasonable safety practices, any facility, equipment (including monitoring and air pollution control equipment), practice, or operation regulated or required under this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.3.2.3 dated 12/11/00]*
 4. Sample or monitor, at reasonable times, any substance or parameter for the purpose of assuring compliance with this permit or any applicable requirement. *[Reference: 7 DE Admin. Code 1130 Section 6.3.2.4 dated 12/11/00]*
- j. Permit and Application Consultation.** The Owner and/or Operator is encouraged to consult with Department personnel before submitting an application or, at any other time, concerning the operation, construction, expansion, or modification of any installation, or concerning the required pollution control devices or system, the efficiency of such devices or system, or the pollution problem related to the installation. *[Reference: 7 DE Admin. Code 1130 Section 5.1.1.7 dated 11/15/93]*
- k. Permit Availability.** The Owner and/or Operator shall have available at the facility at all times a copy of this permit and shall provide a copy of this permit to the Department upon request. *[Reference: 7 DE Admin. Code 1102 Section 8.1 dated 6/1/97]*
- l. Permit Renewal.** This permit expires on January 20, 2026 except as provided in Condition 2(l)(4) below. *[Reference: 7 DE Admin. Code 1130 Section 6.1.2 dated 12/11/00]*
1. Applications for permit renewal shall be subject to the same procedural requirements, including those for public participation, affected state comment, and EPA review, that apply to initial permit issuance under 7 DE Admin. Code 1130 Section 7.1, except that an application for permit renewal may address only those portions of the permit that the Department determines require revision, supplementing, or deletion, incorporating the remaining permit terms by Reference: from the previous permit. The Department may similarly, in issuing a draft renewal permit or proposed renewal permit, specify only those portions that will be revised, supplemented, or deleted, incorporating the remaining permit terms by Reference:.. *[Reference: 7 DE Admin. Code 1130 Section 7.3.1 dated 12/11/00]*
 2. The Owner and/or Operator's right to operate shall cease upon the expiration date unless a timely and complete renewal application has been submitted to the Department no later than January 20, 2025. *[Reference: 7 DE Admin. Code 1130 Section 7.3.2 dated 12/11/00]*
 3. The Department shall review each application for completeness and shall inform the applicant within 60 days of receipt if the application is incomplete. Unless the Department requests additional information or otherwise notifies the applicant of incompleteness within 60 days of an application, an application will be deemed complete if it contains the information required by the application form and 7 DE Admin. Code 1130 Section 5.4. *[Reference: 7 DE Admin. Code 1130 Section 5.1.2.1 dated 11/15/93]*
 4. If a timely and complete application for a permit renewal is submitted to the Department pursuant to 7 DE Admin. Code 1130, Section 5.1.2.4 (dated 11/15/93) and Section 7.3.1 (dated 12/11/00) and the Department, through no fault of the Owner and/or Operator, fails to take final action to issue or deny the renewal permit before the end of the term of this permit, then this permit shall not expire until the renewal permit has been issued or denied, and any permit shield granted for the permit shall continue in effect during that time. *[Reference: 7 DE Admin. Code 1130 Section 7.3.3 dated 12/11/00]*

Condition 2- General Requirements (Cont.)

m. Permit Revision and Termination.

1.
 - i. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. *[Reference: 7 DE Admin. Code 1130 Section 6.1.7.3 dated 12/11/00]*
 - ii. Except as provided under Condition 2(m)(3) ["Minor Permit Modification"], the filing of a request by the Owner and/or Operator for a permit modification, revocation and reissuance, or termination, or of a modification of planned changes or anticipated noncompliance does not stay any term or condition of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.1.7.3 dated 12/11/00 and 7.5.1.5 dated 12/11/00]*
2. "Administrative Permit Amendment." When required, the Owner and/or Operator shall submit to the Department a request for an administrative permit amendment in accordance with 7 DE Admin. Code 1130 Section 7.4. *[Reference: 7 DE Admin. Code 1130 Section 7.4 dated 12/11/00]*
3. "Minor Permit Modification." When required, the Owner and/or Operator shall submit to the Department an application for a minor permit modification in accordance with 7 DE Admin. Code 1130 Section 7.5.1 and 7.5.2. *[Reference: 7 DE Admin. Code 1130 Section 7.5.1 dated 12/11/00 and 7.5.2 dated 12/11/00]*
 - i. For a minor permit modification, during the period of time between the time the Owner and/or Operator makes the change or changes proposed in the minor permit modification application and the time that the Department takes action on the application, the Owner and/or Operator shall comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period the Owner and/or Operator, at its own risk, need not comply with the existing terms and conditions of this permit that it seeks to modify. *[Reference: 7 DE Admin. Code 1130 Section 7.5.1.5 dated 12/11/00 and 7.5.2.5 dated 12/11/00]*
 - ii. If the Owner and/or Operator fail to comply with its proposed permit terms and conditions during this time period, the existing terms and conditions of this permit may be enforced against the Owner and/or Operator. *[Reference: 7 DE Admin. Code 1130 Section 7.5.1.5 dated 12/11/00 and 7.5.2.5 dated 12/11/00]*
4. "Significant Permit Modification." When required, the Owner and/or Operator shall submit to the Department an application for a significant permit modification in accordance with 7 DE Admin. Code 1130 Section 7.5.3. *[Reference: 7 DE Admin. Code 1130 Section 7.5.3 dated 12/11/00]*
5.
 - i. When the Owner and/or Operator is required to meet the requirements under Section 112(g) of the Act or to obtain a preconstruction permit under 7 DE Admin. Code 1100, the Owner and/or Operator shall file a complete application to revise this permit within 12 months of commencing operation of the construction or modification. *[Reference: 7 DE Admin. Code 1130 Section 5.1.1.4 dated 11/15/93]*
 - ii. When the Owner and/or Operator is required to obtain a preconstruction permit, the Owner and/or Operator may submit an application to revise this permit for concurrent processing. The revision request for this permit when submitted for concurrent processing shall be submitted to the Department with the Owner and/or Operator's preconstruction review application or at such later time as the Department may allow. Where this permit would prohibit such construction or change in operation, the Owner and/or Operator shall obtain a permit revision before commencing operation. *[Reference: 7 DE Admin. Code 1102 Sections 11.2.10, 11.5 and 12.4, dated 6/11/06, and 7 DE Admin. Code 1130 Section 5.1.1.4 dated 11/15/93]*

Condition 2- General Requirements (Cont.)

- iii. Where an application is not submitted for concurrent processing, the Owner and/or Operator shall obtain an operating permit under 7 **DE Admin. Code** 1100 prior to commencing operation of the construction or modification to cover the period between the date operation is commenced and until such time as operation is approved under 7 **DE Admin. Code** 1130. *[Reference: 7 DE Admin. Code 1102 Section 2.1 dated 6/11/06]*
6. "Permit Termination." The Owner and/or Operator may at any time apply for termination of this permit in accordance with 7 **DE Admin. Code** 1130 Section 7.8.4 or Section 7.8.5. *[Reference: 7 DE Admin. Code 1130 Sections 7.8.4 dated 12/11/00 and 7.8.5 dated 12/11/00]*

n. Permit Transfer.

1. A change in ownership or operational control of this facility shall be treated as an administrative permit amendment where the Department has determined that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new owner has been submitted to the Department. *[Reference: 7 DE Admin. Code 1130 Section 7.4.1.4 dated 12/11/00]*
2. In addition to any written agreement submitted by the Owner and/or Operator in accordance with Condition 2(n)(1), the Owner and/or Operator shall have on file at the Department a statement meeting the requirements of 7 **Del. C.**, Ch 79, Section 7902. *This permit condition is state enforceable only.* *[Reference: 7 Del. C., Ch 79 Section 7902 dated 8/28/2007]*
3. The written agreement required in Condition 2(n)(1) of this permit shall be provided to the Department within a minimum of 30 calendar days prior to the specific date for transfer and shall indicate that the transfer is agreeable to both the current and new owner. *[Reference: 7 DE Admin. Code 1102 Section 7.1 dated 6/1/97]*

- o. Property Rights.** This permit does not convey any property rights of any sort, or any exclusive privilege. *[Reference: 7 DE Admin. Code 1130 Section 6.1.7.4 dated 12/11/00]*

p. Risk Management Plan Submissions.

1. In the event this stationary source, as defined in the State of Delaware 7 **DE Admin. Code** 1201 "Accidental Release Prevention Regulation" Section 4.0, is subject to or becomes subject to Section 5.0 of 7 **DE Admin. Code** 1201 (as amended March 11, 2006), the owner or operator shall submit a risk management plan (RMP) to the Environmental Protection Agency's RMP Reporting Center by the date specified in Section 5.10 and required revisions as specified in Section 5.190. A certification statement shall also be submitted as mandated by Section 5.185. *[Reference: 7 DE Admin. Code 1130 Section 6.1.4 dated 12/11/00, 7 DE Admin. Code 1201 as amended March 11, 2006 and Delaware; Approval of Accidental Release Prevention Program, Federal Register Vol. 6, No. 11 pages 30818-22 dated June 8, 2001]*
2. If this stationary source, as defined in 7 **DE Admin. Code** 1201 Section 4.0, is not subject to Section 5.0 but is subject or becomes subject to Section 6.0 (as amended March 11, 2006), the owner or operator shall submit a Delaware RMP to the State of Delaware's Accidental Release Prevention group by the date as specified in Section 6.6.10 and required revisions as specified by Section 6.6.1. *Note: State enforceable only.* *[Reference: 7 DE Admin. Code 1201 as amended March 11, 2006]*

q. Protection of Stratospheric Ozone.

When applicable, this Facility shall comply with the following requirements: *[Reference: 40 CFR Part 82 "Protection of Stratospheric Ozone" revised as of 7/1/97 and 7 DE Admin. Code 1130 Section 2.0 dated 11/15/93]*

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

Condition 2- General Requirements (Cont.)

- i. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a process that uses a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
 - ii. The placement of the required warning statement must comply with the requirements pursuant to §82.108.
 - iii. The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
 - iv. No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
2. Any person servicing, maintaining, or repairing appliances, except for motor vehicles, shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B. In addition, Subpart F applies to refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment.
 - i. Persons owning appliances for maintenance, service, repair, or disposal must comply with the prohibitions and required practices pursuant to §82.154 and §82.156.
 - ii. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
 - iii. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
 - iv. Persons performing maintenance, service, repair, or disposal of appliances must certify with the Administrator pursuant to §82.158 and §82.162.
 - v. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. ("MVAC-like appliance" as defined at §82.152)
 - vi. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
3. Owners/Operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82, Subpart F §82.166.
4. If the permittee manufactures, transforms, destroys, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, "Production and Consumption Controls".
5. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the MVAC, the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioners".
 - i. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or

Condition 2- General Requirements (Cont.)

system used on passenger buses using HCFC-22 refrigerant. These systems are regulated under 40 CFR Part 82, Subpart F.

6. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed as acceptable in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, Significant New Alternatives Policy Program.
- r. **Severability**. The provisions of this permit are severable. If any part of this permit is held invalid, the application of such part to other persons or circumstances and the remainder of this permit shall not be affected thereby and shall remain valid and in effect. *[Reference: 7 DE Admin. Code 1130 Section 6.1.6 dated 12/11/00]*

Condition 3- Specific Requirements

- a. **Emission Limitations Emission Standards, Operational Limitations, and Operational Standards**. The Owner and/or Operator shall comply with the limitations and standards detailed in Condition 3 – Table 1 of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.1.1 dated 12/11/00]*
- b. **Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)**. The Owner and/or Operator shall maintain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all original strip-chart recordings, where appropriate, for continuous monitoring instrumentation, and copies of all reports required by the permit. Where appropriate, the permit may specify that records may be maintained in computerized form. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2.2 dated 12/11/00]*
 1.
 - i. **Specific Requirements**. The Owner and/or Operator shall comply with the operational limitations, monitoring, testing, and record keeping requirements detailed in Condition 3 – Table 1 which are in addition to those in Conditions 3(b)(1)(ii) and 3(b)(2) of this permit. *[Reference: 7 DE Admin. Code 1130 Sections 6.1.1 dated 12/11/00, 6.1.3.1 dated 12/11/00, and 6.1.10 dated 12/11/00]*
 - ii. **General Testing Requirements**. Upon written request of the Department, the Owner and/or Operator shall, at the Owner and/or Operator's expense, sample the emissions of, or fuel used by, an air contaminant emission source, maintain records, and submit reports to the Department on the results of such sampling. *[Reference: 7 DE Admin. Code 1117 Section 2.2 dated 7/17/84]*
 2. **General Record Keeping Requirements**. The Owner and/or Operator shall record, at a minimum, all of the following information:
 - i. If required, for each operating scenario identified in Condition 3 – Table 1 of this permit, a log that indicates the operating scenario under which each particular emission unit is operating. The Owner and/or Operator shall, contemporaneously with changing from one operating scenario to another, record in this log the time at which the operating scenario under which it is operating is changed. *[Reference: 7 DE Admin. Code 1130 Section 6.1.10 dated 12/11/00]*
 - ii. The following information to the extent specified in Condition 3 – Table 1 of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2.1 dated 12/11/00]*
 - A. The date, place, and time of the sampling or measurements. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2.1.1 dated 12/11/00]*

- B. The dates analyses were performed. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2.1.2 dated 12/11/00]*
 - C. The Owner and/or Operator or entity that performed the analyses. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2.1.3 dated 12/11/00]*
 - D. The analytical techniques or methods used. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2.1.4 dated 12/11/00]*
 - E. The results of such analyses. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2.1.5 dated 12/11/00]*
 - F. The operating conditions as existing at the time of sampling or measurement. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2.1.6 dated 12/11/00]*
- iii. If the Owner and/or Operator is claiming the affirmative defense of emergency or malfunction as provided in Condition 2(b)(5); a properly signed, contemporaneous operating logs, or other relevant evidence which indicates that: *[Reference: 7 DE Admin. Code 1130 Section 6.7.3 dated 12/11/00]*
 - A. An emergency or malfunction occurred and the causes of the emergency or malfunction. *[Reference: 7 DE Admin. Code 1130 Section 6.7.3.1 dated 12/11/00]*
 - B. The facility was at the time of the emergency or malfunction being operating in a prudent and professional manner and in compliance with the generally accepted industry operations and maintenance procedures. *[Reference: 7 DE Admin. Code 1130 Section 6.7.3.2 dated 12/11/00]*
 - C. During the period of the emergency or malfunction the Owner and/or Operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.7.3.3 dated 12/11/00]*
 - iv. A copy of the written notice required by Condition 3(c)(2)(iii) for each change made under Condition 4(c) [Operational Flexibility] of this permit shall be maintained with a copy of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.8.1 dated 12/11/00]*

c. Reporting and Compliance Certification Requirements.

- 1. Specific Reporting/Certification Requirements. The Owner and/or Operator shall comply with the Reporting/Certification Requirements detailed in Condition 3– Table 1 of this permit, which are in addition to those of Conditions 3(c)(2) and 3(c)(3) of this permit. Each report that contains any deviations from the terms of Condition 3– Table 1 shall identify the probable cause of the deviations and any corrective actions or preventative measures taken. *[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.3 dated 12/11/00, 6.1.3.3.3 dated 12/11/00, and 6.1.3.3.4 dated 12/11/00]*
- 2. General Reporting Requirements.
 - i. The Owner and/or Operator shall submit to the Department a report of any required monitoring not later than the first day of August (covering the period from January 1 through June 30 of the current calendar year) and the first day of February (covering the period July 1 through December 31 of the previous calendar year) of each calendar year. Each report shall identify any deviations from the monitoring, record keeping, and reporting requirements under this permit; and the probable cause of the deviations; and any corrective actions or preventative measures taken. If no deviations have occurred, such shall be stated in the report. *[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.3.1 dated 12/11/00, 6.1.3.3.2 dated 12/11/00, and 6.1.3.3.4 dated 12/11/00]*
 - ii. In addition to the semiannual monitoring reports required under Condition 3(c)(2)(i), the Owner and/or Operator shall submit to the Department supplemental written reports and/or notices identifying all deviations from permit conditions, probable cause of the deviations,

and any corrective actions or preventative measures as follows: *[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.3.3.3 dated 12/11/00 and 6.1.3.3.3.4 dated 12/11/00]*

- A. If the Owner and/or Operator is claiming the affirmative defense of emergency or malfunction as provided in Condition 2(b)(5) of this permit, a notice of any deviation resulting from emergency or malfunction conditions shall be reported to the Department within two working days of the time when the technology-based emission limitations were exceeded. Such notice shall contain a description of the emergency or malfunction, any steps taken to mitigate emissions, and any corrective actions taken. *[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.3.3.1 dated 12/11/00 and 6.7.3.4 dated 12/11/00]*
- B. Emissions in excess of any permit condition or emissions which create a condition of air pollution shall be reported to the Department immediately upon discovery and after activating the appropriate site emergency plan, in the following manner: *[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.3.3.3 dated 12/11/00 and 6.1.3.3.3.2 dated 12/11/00]*
1. Emissions that pose an imminent and substantial danger to public health, safety or the environment must be reported by calling the Department's Environmental Emergency Notification and Complaint number (800) 662-8802. *[Reference: 7 DE Admin. Code No 1130, Section 6.1.3.3.3.2 dated 12/11/2000]*
 2. Emissions in excess of any permit condition or emissions which create a condition of air pollution but do not pose an imminent and substantial danger to public health, safety or the environment must either be called in to the Environmental Emergency Notification and Complaint number (800) 662-8802 or faxed to (302) 855-1902. The ability to fax notifications to the Department may be revoked by the Department upon written notice to the Company and at the Department's sole discretion. *[Reference: 7 DE Admin. Code No 1130, Section 6.1.3.3.3.2 dated 12/11/2000]*
- C. All emissions in excess of any permit condition or emissions which create a condition of air pollution shall be reported to the Department in a written report pursuant to Condition 3(c)(2)(1) and/or the specific reporting requirements listed in Condition 3 – Table 1 of this permit. *[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.3.3.3 dated 12/11/00 and 6.1.3.3.3.4 dated 12/11/00]*
- D. Discharges to the atmosphere in excess of any quantity specified in the 7 DE Admin. Code 1203 ("**Reporting of a Discharge of a Pollutant or an Air Contaminant**") shall be reported, immediately upon discovery and after activating the appropriate site emergency plan, either in person or to the Department's 24-hour Environmental Emergency Notification and Complaint line (1-800-662-8802). Discharges in compliance with this permit and excess emissions previously reported under Condition 3(c)(2)(ii)(B) of this permit are exempt from this reporting requirement. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.3.3.5 dated 12/11/00 and 7 DE Admin. Code 1203]*
- iii. Prior to making a change as provided in Condition 4 [Operational Flexibility] of this permit the Owner and/or Operator shall give written notice to the Department and EPA at least seven calendar days before the change is to be made. *[Reference: 7 DE Admin. Code 1130 Section 6.8.1 dated 12/11/00]*
- A. The seven day period may be shortened or eliminated as necessary for a change that must be implemented more quickly to address unanticipated conditions posing a significant health, safety, or environmental hazard. *[Reference: 7 DE Admin. Code 1130 Section 6.8.1 dated 12/11/00]*
 - B. If less than seven calendar days notice is provided because of a need to respond more quickly to such unanticipated conditions, the Owner and/or Operator shall provide notice to

the Department and EPA as soon as possible after learning of the need to make the change, together with the reasons why advance notice could not be given. *[Reference: 7 DE Admin. Code 1130 Section 6.8.1 dated 12/11/00]*

C. The written notice shall include all of the following information: *[Reference: 7 DE Admin. Code 1130 Section 6.8.1 dated 12/11/00]*

1. The identification of the affected emission units and a description of the change to be made.
2. The date on which the change will occur.
3. Any changes in emissions.
4. Any permit terms and conditions that are affected, including any new applicable requirements.

iv. The Owner and/or Operator shall submit to the Department an annual emissions statement in accordance with 7 **DE Admin. Code 1117** Section 7.0 not later than April 30 of each year, or other date as established by the Department, unless an extension by the Department is granted. Such emissions statement shall cover the preceding calendar year. *[Reference: 7 DE Admin. Code 1117 Section 7.0 dated 1/11/93]*

v. If required, the Owner and/or Operator shall submit to the Department a progress report for applicable requirements identified in Condition 5 – Table 1 of this permit. Such reports shall be submitted not later than the first day of August (covering the period from January 1 through June 30 of the current calendar year) and the first day of February (covering the period July 1 through December 31 of the previous calendar year) of each calendar year. Each progress report shall include the following: *[Reference: 7 DE Admin. Code 1130 Sections 5.4.8 dated 11/15/93 and 6.3.4 dated 12/11/00]*

A. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance *were achieved*. *[Reference: 7 DE Admin. Code 1130 Section 6.3.4.1 dated 12/11/00]*

B. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted. *[Reference: 7 DE Admin. Code 1130 Section 6.3.4.2 dated 12/11/00]*

vi. Nothing herein shall relieve the Owner and/or Operator from any reporting requirements under federal, state, or local laws. *[Reference: 7 DE Admin. Code 1130 Section 6.1.3.3.3.5 dated 12/11/00]*

3. General Compliance Certification Requirements.

i. Compliance with terms and conditions of this permit shall be certified to the Department not later than the first day of February of each year unless the terms or conditions in Condition 3– Table 1 of this permit require compliance certifications to be submitted more frequently. Such certification shall cover the previous calendar year and shall be submitted on Form AQM-1001BB. The Compliance Certification shall include the following information: *[Reference: 7 DE Admin. Code 1130 Section 6.3.5.1 dated 12/11/00]*

A. The identification of each term or condition of the permit that is the basis of the certification. *[Reference: 7 DE Admin. Code 1130 Section 6.3.5.3.1 dated 12/11/00]*

B. The Owner and/or Operator's current compliance status, as shown by monitoring data and other information reasonably available to the Owner and/or Operator. *[Reference: 7 DE Admin. Code 1130 Section 6.3.5.3.2 dated 12/11/00]*

- C. Such certification shall indicate whether compliance was continuous or intermittent during the covered period. *[Reference: 7 DE Admin. Code 1130 Section 6.3.5.3.3 dated 12/11/00]*
- D. The methods used for determining the compliance status of the Owner and/or Operator, currently and over the reporting period as required by the monitoring, record keeping, and reporting required under Condition 3. *[Reference: 7 DE Admin. Code 1130 Section 6.3.5.3.4 dated 12/11/00]*
- E. Such other facts as the Department may require to determine the compliance status of the source. *[Reference: 7 DE Admin. Code 1130 Section 6.3.5.3.5 dated 12/11/00]*
- ii. Each compliance certification shall be submitted to the Department and EPA and shall be certified in accordance with Condition 2(a) of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.3.5.4 dated 12/11/00]*
- iii. Any additional information possessed by the Owner and/or Operator that demonstrates non-compliance with any applicable requirement must also be used as the basis for compliance certifications. *[Reference: 62 CFR 8314 dated 2/24/97]*

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
a. Emission Unit 09 - (Emission Point ID: SM1) – State SOCM1 VOC Leak Sources		
<p>1. Fugitive Emission Testing</p> <p>i. Emission Standard:</p> <p>A. The Company shall monitor the following equipment for leaks according to the provisions of this section:</p> <ol style="list-style-type: none"> Compressors Pumps in light liquid service Valves in light liquid service Valves in gas/vapor service Pressure relief valves in gas/vapor service. <p><i>[Reference: 7 DE Admin. Code 1124, Section 40, dated 1/11/93]</i></p> <p>B. These requirements do not apply to:</p> <ol style="list-style-type: none"> Any equipment in vacuum service. Any pressure-relief valve that is connected to an operating flare header or vapor recovery device. Any pressure-relief valve that is connected to an operating flare header or vapor recovery device. Any liquid pump that has a dual mechanical pump seal with a barrier fluid system. Any compressor with a degassing vent that is routed to an operating VOC control device. <i>[Reference: 7 DE Admin. Code 1124, Section 40.1.3, dated 1/11/93]</i> 	<p>v. Compliance Method:</p> <p>Compliance shall be demonstrated in accordance with the monitoring/testing, and recordkeeping requirements of this condition. <i>[Reference: 7 DE Admin. Code 1130, Section 6.1.3, dated 12/11/00]</i></p> <p>vi. Monitoring:</p> <p>A. Equipment inspection program.</p> <ol style="list-style-type: none"> The Company shall conduct quarterly monitoring of each: <ol style="list-style-type: none"> Compressors Pumps in light liquid service Valves in light liquid service Valves in gas/vapor service Pressure relief valves in gas/vapor service. The Company shall conduct a weekly visual inspection of each pump in light liquid service. The Company shall monitor each pressure relief valve after each overpressure relief to ensure that the valve has properly reseated and is not leaking. [Note exemption given in paragraph (i)(B)(2) of this section.] Leak Standards: <ol style="list-style-type: none"> When an instrument reading of 10,000 parts per million (ppm) or greater is measured, it shall be 	<p>x. Reporting:</p> <p>A. That required by Conditions 2(a), 2(b)(9), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. <i>[Reference :7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>B. In addition to the requirements of Conditions 2(a), 2(b)(9), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit, the Company shall notify the Department whenever the frequency of monitoring is altered as allowed by paragraph (vi)(B) of this section. <i>[Reference :7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>xi. Certification:</p> <p>That required by Condition 3(c)(3) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>ii. Emission Limitation: None.</p> <p>iii. Operational Limitations: The Company shall ensure that:</p> <p>A. Any open-ended line or valve is sealed with a second valve, blind flange, cap, or plug except during operations requiring process fluid flow through the open-ended line or valve.</p> <p>B. When a second valve is used, each open-ended line or valve equipped with a second valve is operated in such a manner that the valve on the process fluid end is closed before the second valve is closed.</p> <p>C. When a double block-and-bleed system is used, the bleed valve or line is open only during operations that require venting of the line between the block valves and is closed at all other times. <i>[Reference: 7 DE Admin. Code 1124, Section 40.3, dated 1/11/93]</i></p> <p>iv. Operational Standards: None</p>	<p>determined that a leak has been detected.</p> <p>b. If there are indications of liquid dripping from the equipment, it shall be determined that a leak has been detected.</p> <p>5. When a leak is detected, the Company shall affix a weatherproof, readily visible tag in a bright color such as red or yellow bearing the equipment identification number and the date on which the leak was detected. This tag shall remain in place until the leaking equipment is repaired. The requirements of this paragraph apply to any leak detected by the equipment inspection program and to any leak from any equipment that is detected on the basis of sight, sound, or smell. <i>[Reference: 7 DE Admin. Code 1124, Section 40.4, dated 1/11/93]</i></p> <p>B. Alternative standards for valves - Skip period leak detection and repair.</p> <p>1. If the percent of valves leaking is equal or less than 2.0 for two consecutive quarters, the Company may skip alternate quarterly leak detection periods for the valves in gas/vapor and light liquid service.</p> <p>2. If the percent of valves leaking is equal to or less than 2.0 for five</p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>consecutive quarters, the Company may skip three of the quarterly leak detection periods per year for the valves in gas/vapor and light liquid service, provided that each valve shall be monitored once each year.</p> <p>3. If at any time the percent of valves leaking is greater than 2.0, the Company shall resume compliance with the requirements in paragraph (A) of this section.</p> <p>4. The percent of valves leaking shall be determined by dividing the sum of valves found leaking during current monitoring and previously leaking valves for which repair has been delayed by the total number of valves subject to the requirements of this Section. <i>[Reference: 7 DE Admin. Code 1124, Section 40.5, dated 1/11/93]</i></p> <p>C. Alternative standards for unsafe-to-monitor and difficult-to-monitor valves.</p> <p>1. Any valve is exempt from the requirements of paragraph (A) of this section as an unsafe-to-monitor valve if:</p> <p>a. The Company demonstrates that the valve is unsafe to monitor because monitoring personnel would be exposed to an</p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>immediate danger.</p> <p>b. The Company adheres to a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times.</p> <p>2. Any valve is exempt from the requirements of paragraph (A) as a difficult-to-monitor valve if:</p> <p>a. The Company demonstrates that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters (m) (6.6 feet [ft]) above a support surface.</p> <p>b. The Company follows a written plan that requires monitoring of the valve at least once per calendar year.</p> <p>3. The alternative standards of paragraph (B) of this section are not available to valves subject to this alternative standard. <i>[Reference: 7 DE Admin. Code 1124, Section 40.6, dated 1/11/93]</i></p> <p>D. Equipment repair program. The Company shall:</p> <p>1. Make a first attempt at repair for any leak not later than 5 calendar days after the leak is detected.</p> <p>2. Repair any leak as soon as</p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>practicable, but not later than 15 calendar days after it is detected except as provided in paragraph (E) of this Section. <i>[Reference: 7 DE Admin. Code 1124, Section 40.7, dated 1/11/93]</i></p> <p>E. Delay of repair.</p> <ol style="list-style-type: none"> 1. Delay of repair of equipment for which a leak has been detected is allowed if repair is technically infeasible without a process unit shutdown. Repair of such equipment shall occur before the end of the first process unit shutdown after the leak is detected. 2. Delay of repair of equipment is also allowed for equipment that is isolated from the process and that does not remain in VOC service after the leak is detected. 3. Delay of repair beyond a process unit shutdown is allowed for a valve, if valve assembly replacement is necessary during the process unit shutdown, and if valve assembly supplies have been depleted, where valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the first process unit shutdown is not allowed unless the 	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>next process unit shutdown occurs sooner than 6 months after the first process unit shutdown. <i>[Reference: 7 DE Admin. Code. 1124, Section 40.8, dated 1/11/93]</i></p> <p>vii. Testing:</p> <ol style="list-style-type: none"> 1. In conducting the monitoring required to comply this Section, the Company shall use the test methods specified in Appendix "F" of 7 DE Admin. Code 1124. 2. The Company shall demonstrate that a piece of equipment is in light liquid service by showing that all of the following conditions apply: <ol style="list-style-type: none"> a. The vapor pressure of one or more of the components is greater than 0.3 kPa (0.044 in. Hg) at 20 degrees Celsius (68 degrees Fahrenheit) standard reference texts or ASTM D2879 shall be used to determine the vapor pressures. b. The total concentration of the pure components having a vapor pressure greater than 0.3 kPa (0.044 in. Hg) at 20 degrees Celsius (68 degrees Fahrenheit) is equal to or greater than 20 percent by weight. c. The fluid is a liquid at operating conditions. 	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>3. Samples used in conjunction with paragraphs (2) and (3) of this Section shall be representative of the process fluid that is contained in or contacts the equipment. <i>[Reference: 7 DE Admin. Code 1124, Section 40(i), dated 1/11/93]</i></p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: A. When each leak is detected the following information shall be recorded in a log and shall be kept for 5 years in a readily accessible location: 1. The instrument and operator identification numbers and the equipment identification number. 2. The date the leak was detected and the dates of each attempt to repair the leak. 3. The repair methods employed in each attempt to repair the leak. 4. The notation "Above 10,000" if the maximum instrument reading after each repair attempt is equal to or greater than 10,000 ppm. 5. The notation "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after the leak is discovered. 6. The signature of the Company official</p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>(or designate) whose decision it was that repair could not be effected without a process shutdown.</p> <ol style="list-style-type: none"> 7. The expected date of successful repair of the leak if a leak is not repaired within 15 days. 8. The dates of process unit shutdowns that occur while the equipment is unrepaired. 9. The date of successful repair of the leak. <p>B. A list of identification numbers of equipment in vacuum service shall be recorded in a log that is kept in a readily accessible location.</p> <p>C. The following information for valves complying with paragraph (vi)(B) of this Section shall be recorded in a log that is kept for 5 years in a readily accessible location:</p> <ol style="list-style-type: none"> 1. A schedule of monitoring. 2. The percent of valves found leaking during each monitoring period. <p>D. The following information pertaining to all valves subject to the requirements of paragraph (vi)(C) of this Section shall be recorded in a log that is kept for 5 years in a readily accessible location:</p> <ol style="list-style-type: none"> 1. A list of identification numbers for valves that are designated as unsafe to monitor, an explanation for each valve stating why the valve is unsafe 	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>to monitor, and the plan for monitoring each valve.</p> <p>2. A list of identification numbers for valves that are designated as difficult to monitor, an explanation for each valve stating why the valve is difficult to monitor, and the schedule for monitoring each valve. <i>[Reference: 7 DE Admin. Code 1124, Section 40.10, dated 1/11/93]</i></p>	
b. Emission Unit 22 - Dock 3C (DK1)		
1. Pumps in Light Liquid Service		
<p>i. Emission Standard: None.</p> <p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: A. Each pump in light liquid service shall be monitored by the methods and procedures given in Section (vi)(A) of this unit. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 1/11/93 and 40 CFR 60, Subpart VV, §60.482-2(a), dated 11/16/07]</i></p> <p>B. Leak Repair: 1. When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in Section 5 of this unit. <i>[Reference: 7</i></p>	<p>v. Compliance Method: Compliance with the operational standards of this condition shall be demonstrated in accordance with the monitoring/testing and recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6.1.3 dated 12/11/00]</i></p> <p>vi. Monitoring: A. Periodic Monitoring: 1. Each pump in light liquid service shall be monitored monthly to detect leaks by the methods specified in 40 CFR 60, Subpart VV, §60.485(b), dated 7/1/00, except as given in paragraphs (iii)(C), and (iii)(D) of this Section.</p> <p>2. Each pump in light liquid service shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal. <i>[Reference: 7 DE Admin. Code 1124,</i></p>	<p>x. Reporting: A. All exceedances in accordance with Condition 3(c)(2) of this permit. B. Other reporting requirements are covered under Section 6 of this unit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p><i>DE Admin. Code 1124, Section 28, dated 1/11/93 and 40 CFR 60, Subpart VV, §60.482-2(b)(1), dated 11/16/07]</i></p> <p>2. A first attempt at repair shall be made no later than 5 calendar days after each leak is detected. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 1/11/93 and 40 CFR 60, Subpart VV, §60.482-2(b)(2), dated 11/16/07]</i></p> <p>C. Each pump equipped with a dual mechanical seal system that includes a barrier fluid system is exempt from the requirements of paragraph (A) of this section, provided the following requirements are met:</p> <ol style="list-style-type: none"> 1. Each dual mechanical seal system is: <ol style="list-style-type: none"> a. Operated with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or b. Equipped with a system that purges the barrier fluid into a process stream with zero VOC emissions to the atmosphere. 2. The barrier fluid system is in heavy liquid service or is not in VOC service. 3. Each barrier fluid system is equipped with a sensor that will detect failure of the seal system, the 	<p><i>Section 28, dated 1/11/93 and 40 CFR 60, Subpart VV, §60.482-2(a), dated 11/16/07]</i></p> <p>B. Detection of Leaks:</p> <ol style="list-style-type: none"> 1. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. 2. If there are indications of liquids dripping from the pump seal, a leak is detected. <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-2(b), dated 12/14/00]</i></p> <p>vii. Testing: None.</p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: None in addition to the requirements of Section 6 of this unit.</p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>barrier fluid system, or both.</p> <ol style="list-style-type: none"> 4. Each pump is checked by visual inspection, each calendar week, for indications of liquids dripping from the pump seals. 5. <ol style="list-style-type: none"> a. Each sensor as described in paragraph (3) of this section is checked daily or is equipped with an audible alarm, and b. The Company determines, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. 6. If there are indications of liquids dripping from the pump seal or the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined in paragraph (C)(5)(b), a leak is detected. <ol style="list-style-type: none"> a. When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected. b. A first attempt at repair shall be made no later than 5 calendar days after each leak is detected. <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 1/11/93 and 40 CFR 60,</i></p>		

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p><i>Subpart VV, §60.482-2(d), dated 11/16/07]</i></p> <p>D. Any pump that is designated for no detectable emission, as indicated by an instrument reading of less than 500 ppm above background, is exempt from the requirements of paragraphs (iii)(A), (iii)(B) and (iii)(C) of this section and Section (vi) of this unit if the pump:</p> <ol style="list-style-type: none"> Has no externally actuated shaft penetrating the pump housing, Is demonstrated to be operating with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background as measured by the methods specified in 40 CFR 60, Subpart VV, §60.485(c), dated 7/1/00, and Is tested for compliance with paragraph (D)(2) of this section initially upon designation, annually, and at other times requested by the Department. <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 1/11/93 and 40 CFR 60, Subpart VV, §60.482-2(e), dated 11/16/07]</i></p> <p>iv. Operational Limitation: None.</p>		

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>2. Pressure relief devices in gas/vapor service.</p> <p>i. Emission Standard: None.</p> <p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: A. Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as determined by the methods specified in 40 CFR 60, Subpart VV, §60.485(c), dated 7/1/00. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-4(a), dated 12/14/00]</i></p> <p>iv. Operational Limitation: None.</p>	<p>v. Compliance Method: Compliance with the operational standards of this condition shall be demonstrated in accordance with the monitoring, testing, and recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>vi. Monitoring: A. After each pressure release, the pressure relief device shall be returned to a condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after the pressure release. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-4(b)(1), dated 12/14/00]</i> B. No later than 5 calendar days after a pressure release, the pressure relief device shall be monitored to confirm the conditions of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, by the methods specified in 40 CFR 60, Subpart VV, §60.485(c), dated 7/1/00. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-4(b)(2), dated 12/14/00]</i></p>	<p>x. Reporting: All exceedances in accordance with Conditions 2(b)(9) and 3(c)(2) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>vii. Testing: None.</p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: None in addition to the requirements of Section 3 of this unit.</p>	
3. Valves in gas/vapor service and in light liquid service.		
<p>i. Emission Standard: None.</p> <p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: A. Each valve shall be monitored as given in Section (vi) of this unit and shall comply with paragraphs (B) through (D), except as provided in paragraphs (E) and (F). <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(a), dated 7/1/00]</i> B. <u>1.</u> When a leak is detected, it shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected, except as provided in Section 5 of this unit. <u>2.</u> A first attempt at repair shall be </p>	<p>v. Compliance Method: Compliance with the operational standards of this condition shall be demonstrated in accordance with the monitoring/testing and recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>vi. Monitoring: A. Each valve shall be monitored monthly to detect leaks by the methods specified in 40 CFR 60, Subpart VV, §60.485(b), dated 7/1/00. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(a), dated 7/1/00]</i> B. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(b), dated 7/1/00]</i> C. <u>1.</u> Any valve for which a leak is not detected for 2 successive months may be monitored the first month of every </p>	<p>x. Reporting: A. All exceedances in accordance with Conditions 2(b)(9) and 3(c)(2) of this permit. B. Other reporting requirements are covered under Section 7 of this unit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>made no later than 5 calendar days after each leak is detected. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(d), dated 7/1/00]</i></p> <p>C. First attempts at repair include, but are not limited to, the following best practices where practicable:</p> <ol style="list-style-type: none"> 1. Tightening of bonnet bolts; 2. Replacement of bonnet bolts; 3. Tightening of packing gland nuts; 4. Injection of lubricant into lubricated packing. <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(e), dated 7/1/00]</i></p> <p>D. Any valve that is designated for no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, is exempt from the requirements of paragraph (A) of this section if the valve:</p> <ol style="list-style-type: none"> 1. Has no external actuating mechanism in contact with the process fluid, 2. Is operated with emissions less than 500 ppm above background as determined by the method specified in 40 CFR 60, Subpart VV, §60.485(c), dated 7/1/00, and 3. Is tested for compliance with 	<p>quarter, beginning with the next quarter, until a leak is detected.</p> <ol style="list-style-type: none"> 2. If a leak is detected, the valve shall be monitored monthly until a leak is not detected for 2 successive months. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(c), dated 7/1/00]</i> <p>vii. Testing: None.</p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: None in addition to the requirements of Section 6 of this unit.</p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>paragraph (D)(2) initially upon designation, annually, and at other times requested by the Department.</p> <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(f), dated 7/1/00]</i></p> <p>E. Any valve that is designated as an unsafe-to-monitor valve is exempt from the requirements of paragraph (A) if:</p> <ol style="list-style-type: none"> 1. The Company of the valve demonstrates that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with paragraph (A), and 2. The Company of the valve adheres to a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times. <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(g), dated 7/1/00]</i></p> <p>F. Any valve that is designated as a difficult-to-monitor valve is exempt from the requirements of paragraph (A) if:</p> <ol style="list-style-type: none"> 1. The Company of the valve 		

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>demonstrates that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface.</p> <p>2. The Company designates less than 3.0 percent of the total number of valves as difficult-to-monitor, and</p> <p>3. The Company follows a written plan that requires monitoring of the valve at least once per calendar year.</p> <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-7(h), dated 7/1/00]</i></p> <p>iv. Operational Limitation: None.</p>		
<p>4. Pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and flanges and other connectors.</p> <p>i. Emission Standard: None.</p> <p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: A. Pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and flanges and other connectors shall be monitored according to the timing and</p>	<p>v. Compliance Method: Compliance with the operational standards of this condition shall be demonstrated in accordance with the monitoring/testing and recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>vi. Monitoring: A. Pumps and valves in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and flanges and other connectors shall be monitored within 5 days</p>	<p>x. Reporting: A. All exceedances in accordance with Conditions 2(b)(9) and 3(c)(2) 3(c)(2) of this permit. B. Other reporting requirements are covered under Section 7 of this unit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated</i></p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>methods given in Section (vi) of this unit. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-8(a), dated 12/14/00]</i></p> <p>B. 1. When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in Section 5 of this unit.</p> <p>2. The first attempt at repair shall be made no later than 5 calendar days after each leak is detected. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-8(c), dated 12/14/00]</i></p> <p>C. First attempts at repair include, but are not limited to, the best practices described under Section 3(iii)(C) of this unit. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-8(d), dated 12/14/00]</i></p> <p>iv. Operational Limitation: None.</p>	<p>by the method specified in 40 CFR 60, Subpart VV, §60.485(c), dated 7/1/00 if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-8(a), dated 12/14/00]</i></p> <p>B. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-8(b), dated 12/14/00]</i></p> <p>ix. Testing: None.</p> <p>x. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: None in addition to the requirements of Section 6 of this unit.</p>	<p><i>12/11/00]</i></p>
<p>5. Delay of repair.</p> <p>i. Emission Standard: None.</p> <p>ii. Emission Limitation: None.</p>	<p>v. Compliance Method: Compliance with the operational standards of this condition shall be demonstrated in accordance with the monitoring/testing and recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3)]</i></p>	<p>x. Reporting:</p> <p>A. All exceedances in accordance with Condition 3(c)(2) of this permit.</p> <p>B. Other reporting requirements are covered under Section 7 of this unit. <i>[Reference: 7 DE Admin. Code 1130 Sections</i></p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>iii. Operational Standard:</p> <p>A. Delay of repair of equipment for which leaks have been detected will be allowed if the repair is technically infeasible without a process unit shutdown. Repair of this equipment shall occur before the end of the next process unit shutdown. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-9(a), dated 12/14/00]</i></p> <p>B. Delay of repair of equipment will be allowed for equipment which is isolated from the process and which does not remain in VOC service. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-9(b), dated 12/14/00]</i></p> <p>C. Delay of repair for valves will be allowed if:</p> <p>1. The Company demonstrates that emissions of purged material resulting from immediate repair are greater than the fugitive emissions likely to result from delay of repair. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-9(c), dated 12/14/00]</i></p> <p>D. Delay of repair for pumps will be allowed if:</p> <p>1. Repair requires the use of a dual mechanical seal system that</p>	<p><i>dated 11/15/93]</i></p> <p>vi. Monitoring: None.</p> <p>xi. Testing: None.</p> <p>xii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: None in addition to the requirements of Section 6 of this unit.</p>	<p><i>6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>includes a barrier fluid system, and</p> <p>2. Repair is completed as soon as practicable, but not later than 6 months after the leak was detected.</p> <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-9(d), dated 12/14/00]</i></p> <p>E. Delay of repair beyond a process unit shutdown will be allowed for a valve, if valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the next process unit shutdown will not be allowed unless the next process unit shutdown occurs sooner than 6 months after the first process unit shutdown. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.482-9(e), dated 12/14/00]</i></p> <p>iv. Operational Limitation: None.</p>		
6. Recordkeeping requirements.		
<p>i. Emission Standard: None.</p>	<p>v. Compliance Method: Compliance with this section will be accomplished by maintaining the records</p>	<p>x. Reporting: None in addition to that required by Section 7 of this unit.</p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: The Company shall comply with the recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(a), dated 12/14/00]</i></p> <p>iv. Operational Limitation: None.</p>	<p>required by Section (ix). <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>vi. Monitoring: None in addition to the requirements of the other Sections of this unit.</p> <p>vii. Testing: None.</p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: A. When each leak is detected, as specified in Sections 1, 3, and 4 of this unit, the following requirements apply: <ol style="list-style-type: none"> 1. A weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment. 2. The identification on a valve may be removed after it has been monitored for 2 successive months and no leak has been detected during those 2 months. 3. The identification on equipment, except for a valve, may be removed after it has been repaired. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(b), dated 12/14/00]</i> B. When each leak is detected, as specified in </p>	<p>xi. Compliance Certification: None in addition to that required by Condition 3(c)(3) of this permit.</p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>Sections 1, 3 and 4 of this unit, the following information shall be recorded in a log and shall be kept for 5 years in a readily accessible location:</p> <ol style="list-style-type: none"> <u>1.</u> The instrument and operator identification numbers and the equipment identification number. <u>2.</u> The date the leak was detected and the dates of each attempt to repair the leak. <u>3.</u> Repair methods applied in each attempt to repair the leak. <u>4.</u> "Above 10,000" if the maximum instrument reading measured by the methods specified in 40 CFR 60, Subpart VV, §60.485(a), dated 7/1/00 after each repair attempt is equal to or greater than 10,000 ppm. <u>5.</u> "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak. <u>6.</u> The signature of the Company (or designate) whose decision it was that repair could not be effected without a process shutdown. <u>7.</u> The expected date of successful repair of the leak if a leak is not repaired within 15 days. <u>8.</u> Dates of process unit shutdowns that occur while the equipment is unrepaired. 	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>9. The date of successful repair of the leak. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(c), dated 12/14/00]</i></p> <p>C. The following information pertaining to all equipment subject to the requirements in Sections 1-5 of this unit shall be recorded in a log that is kept in a readily accessible location:</p> <ol style="list-style-type: none"> 1. A list of identification numbers for equipment subject to the requirements of this subpart. 2. <ol style="list-style-type: none"> a. A list of identification numbers for equipment that are designated for no detectable emissions under the provisions of Sections 1(iii)(D), and 3(iii)(D) of this unit. b. The designation of equipment as subject to the requirements of Sections 1(iii)(D), and 3(iii)(D) of this unit shall be signed. 3. A list of equipment identification numbers for pressure relief devices required to comply with Section 2 of this unit. 4. <ol style="list-style-type: none"> a. The dates of each compliance test as required in Sections 1(iii)(D), 2, and 3(iii)(D) of this unit. b. The background level measured during each compliance test. c. The maximum instrument reading 	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>measured at the equipment during each compliance test.</p> <p>5. A list of identification numbers for equipment in vacuum service. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(e), dated 12/14/00]</i></p> <p>D. The following information pertaining to all valves subject to the requirements of Section 3(iii)(E) and (F) of this unit shall be recorded in a log that is kept in a readily accessible location:</p> <p>1. A list of identification numbers for valves that are designated as unsafe-to-monitor, an explanation for each valve stating why the valve is unsafe-to-monitor, and the plan for monitoring each valve.</p> <p>2. A list of identification numbers for valves that are designated as difficult-to-monitor, an explanation for each valve stating why the valve is difficult-to-monitor, and the schedule for monitoring each valve. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(f), dated 12/14/00]</i></p> <p>E. The following information shall be recorded for valves complying with Section 1 of this unit:</p> <p>1. A schedule of monitoring.</p> <p>2. The percent of valves found leaking during each monitoring period.</p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(g), dated 12/14/00]</i></p> <p>F. The following information shall be recorded for valves complying with Section 1 of this unit:</p> <ol style="list-style-type: none"> 1. A schedule of monitoring. 2. The percent of valves found leaking during each monitoring period. <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(g), dated 12/14/00]</i></p> <p>G. The following information shall be recorded in a log that is kept in a readily accessible location:</p> <ol style="list-style-type: none"> 1. Design criterion required in Sections 1(iii)(C)(5) of this unit and explanation of the design criterion; and 2. Any changes to this criterion and the reasons for the changes. <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(h), dated 12/14/00]</i></p> <p>H. Information and data used to demonstrate that a piece of equipment is not in VOC service shall be recorded in a log that is kept in a readily accessible location.</p> <p><i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(j), dated 12/14/00]</i></p>	
7. Reporting requirements.		
i. Emission Standard: None.	v. Compliance Method: Compliance with the operational standards of this condition shall be demonstrated in	x. Reporting: A. Each Company subject to the provisions of this subpart shall submit semiannual

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: None</p> <p>iv. Operational Limitation: None.</p>	<p>accordance with the reporting requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>vi. Monitoring: None.</p> <p>vii. Testing: None.</p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: The Company shall comply with the recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1124, Section 28, dated 11/29/94 and 40 CFR 60, Subpart VV, §60.486(a), dated 12/14/00]</i></p>	<p>reports to the Department on February 1 and August 1 of each year. <i>[Reference: 40 CFR 60, Subpart VV, §60.487(a), dated 7/1/00]</i></p> <p>B. The initial semiannual report to the Department shall include the following information:</p> <ol style="list-style-type: none"> 1. Process unit identification. 2. Number of valves subject to the requirements of Section 3 of this unit, excluding those valves designated for no detectable emissions. 3. Number of pumps subject to the requirements of Section 1 of this unit, excluding those pumps designated for no detectable emissions. <i>[Reference: 40 CFR 60, Subpart VV, §60.487(n), dated 7/1/00]</i> <p>C. All semiannual reports to the Department shall include the following information:</p> <ol style="list-style-type: none"> 1. Process unit identification. 2. For each month during the semiannual reporting period, <ol style="list-style-type: none"> a. Number of valves for which leaks were detected as described in Section 3(iii)(B) of this unit. b. Number of valves for which leaks were not repaired as required in Section 3(iii)(B)(1) of this unit, c. Number of pumps for which leaks were detected as described in Sections 1(iii)(B)(1) and

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
		<p>1(i)(C)(6)(a) of this unit,</p> <p>d. Number of pumps for which leaks were not repaired as required in Sections 1(i)(B)(1) and 1(i)(C)(6)(b) of this unit, and</p> <p>e. The facts that explain each delay of repair and, where appropriate, why a process unit shutdown was technically infeasible.</p> <p>3. Dates of process unit shutdowns which occurred within the semiannual reporting period.</p> <p>4. Revisions to items reported according to paragraph (2) if changes have occurred since the initial report or subsequent revisions to the initial report.</p> <p>[Reference: 40 CFR 60, Subpart VV, §60.487(c), dated 7/1/00]</p> <p>vi. Compliance Certification: None in addition to that required by Condition 3(c)(3) of this permit.</p>
c. Emission Unit No. 23 - General Site Requirements (G1)		
1. Visible Emissions		
<p>i. Emission Standard: The Company shall not cause or allow the emission of visible air contaminants and/or smoke from any emission unit, the shade or appearance of which is greater than twenty (20) percent opacity for an aggregate of more than three (3) minutes in any one (1) hour or more than fifteen</p>	<p>v. Compliance Method: Compliance with the emission standard of this condition shall be demonstrated in accordance with 7 DE Admin. Code 1114, Section 4.0 and the recordkeeping requirements. [Reference: 7 DE Admin. Code 1114 Section 4.1 dated 7/17/84 and 7 DE Admin. Code 1130 Section 6.1.3 dated 12/11/00]</p>	<p>x. Reporting: All records indicating exceedances of the standard in accordance with Conditions 2(b)(9) and 3(c)(2) of this permit. [Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>(15) minutes in any twenty-four (24) hour period. <i>[Reference: 7 DE Admin. Code 1114 Section 2.1 dated 11/11/2013]</i></p> <p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: None.</p> <p>iv. Operational Limitation: None.</p>	<p>vi. Monitoring - <i>[Reference: 7 DE Admin. Code 1130 Section 6.1.3.9.2 dated 12/11/00]:</i></p> <p>A. The Company shall conduct a monthly visible emissions survey during daylight hours when the emission unit are in operation to detect the presence or absence of visible emissions. Alternatively, the Company may conduct visible emissions testing in accordance with paragraph vii(E) of this Section.</p> <p>B. The Company shall take immediate corrective actions upon detection of the presence of visible emissions which may include but not be limited to shut down, maintenance, and/or verification of visible emissions per the methodology of paragraph vii(E) of this Section by a certified smoke reader. The Company shall re-evaluate the emission point for visible emissions after corrective actions have been taken. This re-evaluation shall take place within 24 hours for those sources subject to daily monitoring and within two days for all other sources. The presence of visible emissions during the re-evaluation shall be cause for corrective action in terms of maintenance or conducting visible emissions testing per paragraph vii(E) of this Section to verify compliance or noncompliance. <i>[Reference: 7 DE Admin. Code 30 Section 6.1.3.9.2 dated 11/15/93]</i></p>	<p>xi. Certification: None in addition to Condition 3(c)(3) of this permit.</p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>C. Visible emissions testing utilizing the procedure in Paragraph vii(E) of this Section (Method 9) shall be conducted while the emission units are in operation and by a certified smoke reader. <i>[Reference 7 DE Admin. Code 1130 Section 6.1.3.9.2 dated 11/15/93]</i></p> <p>vii. Testing:</p> <p>A. "Survey of emission point for the presence or absence of visible emissions" shall be defined as a period of twenty (20) consecutive minutes. The survey of emission units concurrently is acceptable provided all emission points are easily observable from the observer's position. <i>[Reference: 7 DE Admin Code 1130 Section 6.1.3.1.2 dated 11/15/93]</i></p> <p>B. The detection of the presence or absence of visible emissions shall be in accordance with the procedures of EPA Reference: Method 22 paragraphs 4 and 5. <i>[Reference: 7 DE Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p> <p>C. If emissions are observed for three (3) consecutive minutes, the observation may be stopped and corrective actions or visible emissions testing per paragraph vii(E) of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p> <p>D. This procedure does not require that the opacity of the emissions be determined. Since this procedure requires only the</p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p>determination of whether a visible emission occurs and does not require the determination of opacity levels, observer certification according to the procedures of EPA Reference: Method 9 are not required. However, it is necessary that the observer is educated on the general procedures for determining the presence of visible emissions. As a minimum, the observer must be trained and knowledgeable regarding the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor). This training can be obtained from the lecture portion of the EPA Reference: Method 9 certification course. <i>[Reference: 7 DE Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p> <p>E. Conduct visual observations at fifteen second intervals for a period of not less than one hour except that the observations may be discontinued whenever a violation of the standard is recorded. The additional procedures, qualification and testing to be used for visually determining the opacity shall be those specified in Section 2 and 3 (except for Section 2.5 and the second sentence of Section 2.4) of reference Method 9 set forth in Appendix A, 40 CFR Part 60, dated 7/1/00. <i>[Reference: 7 DE</i></p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p><i>Admin. Code 1120 Section 1.5.3.1, dated 12/7/88]</i></p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping - <i>[Reference: 7 DE Admin. Code 1130 Section 6.1.3.1.2, dated 12/11/00]</i> The Company shall maintain the following records on site and made available to the Department upon request:</p> <ul style="list-style-type: none"> A. Observation records shall be maintained. B. Records of all routine and non-routine maintenance and corrective actions. C. Records of personnel and/or contractor certification per the requirements of EPA Reference Method 9. D. Records of personnel and/or contractor training. E. Records of production or operating data corresponding to each emission unit. 	
2. Odor		
<p>i. Emission Standard: No person shall cause or allow the emission of an odorous air contaminant such as to cause a condition of air pollution. <i>[Reference: 7 DE Admin. Code 1119, Section 2.1, dated 2/1/81]</i></p> <p>ii. Emission Limitation: None.</p>	<p>v. Compliance Method: Compliance with the emission standard of this condition shall be demonstrated in accordance with the monitoring/testing and recordkeeping requirements of this section. <i>[Reference 7 DE Admin. Code 1130 Section 6.1.3 dated 12/11/00]</i></p> <p>vi. Monitoring: A. The Company shall monitor for the</p>	<p>x. Reporting: All records indicating exceedances of the standard in accordance with Conditions 2(b)(9) and 3(c)(2) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit.</p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>iii. Operational Standard: None.</p> <p>iv. Operational Limitation: None.</p>	<p>presence of unusual odor concentrations beyond the plant property on a weekly basis. Upon detection of such odor the plant personnel will investigate to determine the cause and take appropriate corrective action. <i>[Reference 7 DE Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p> <p>B. Upon receipt of any complaint from the community or the DNREC regarding a potential odor from the plant, a plant representative shall investigate to determine the cause and take appropriate corrective action. <i>[Reference 7 DE Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p> <p>C. Tests include but are not limited to scentometer tests, air quality monitoring, and affidavits from affected citizens and investigators. <i>[Reference 7 DE Admin. Code 1119 Section 1.2 dated 2/1/81]</i></p> <p>vii. Testing: None.</p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: A. Records of all monitoring/testing shall be maintained on site. <i>[Reference 7 DE</i></p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p><i>Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p> <p>B. Records of all odor complaints received at the facility and corresponding corrective action. <i>[Reference 7 DE Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p>	
3. Handling, Storage and Disposal of VOCs.		
<p>i. Emission Standard:</p> <p>A. The Company shall not cause, allow, or permit the disposal of more than eleven (11) pounds of a Volatile Organic Compound (VOC), or of any materials containing more than eleven (11) pounds of any VOCs, in any one (1) day, in a manner that would permit the evaporation of VOC into the ambient air. This includes but is not limited to the disposal of VOC from any VOC control devices. This provision does not apply to:</p> <ol style="list-style-type: none"> Any VOC or material containing VOC emitted from a regulated entity that is subject to a VOC standard under 7 DE Admin. Code 1124. Any VOC or material containing VOCs used during process maintenance turnarounds for cleaning purposes, provided that the provisions of paragraph (B), (C), and (D) of this condition are followed. 	<p>v. Compliance Method:</p> <p>Compliance shall be demonstrated by adherence with the VOC handling work practices by providing appropriate training and posting of instructions, and record keeping for storage, use and disposal of VOCs. <i>[Reference 7 DE Admin. Code 1130 Section 6.1.3 dated 12/11/00]</i></p> <p>vi. Monitoring:</p> <p>Monitor work practice standards and employee training records on a monthly basis, update records as needed. <i>[Reference 7 DE Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p> <p>vii. Testing:</p> <p>None.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None.</p> <p>ix. Recordkeeping:</p> <p>The Company shall keep a record of postings, and employee training related to these work practice standards and handling, storage, and</p>	<p>x. Reporting Requirement:</p> <p>None in addition to Conditions 2(b)(9) and 3(c)(2) of this permit.</p> <p>xi. Certification:</p> <p>None in addition to condition 3(c)(3) of this permit.</p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>3. Waste paint (sludge) handling systems, water treatment systems, and other similar operations at coating facilities using complying coatings.</p> <p>B. No owner or operator of a facility subject to this regulation shall use open containers for the storage or disposal of cloth or paper impregnated with VOCs that are used for surface preparation, cleanup, or coating removal. Containers for the storage or disposal of cloth or paper impregnated with VOCs shall be kept closed, except when adding or removing material.</p> <p>C. No owner or operator of a facility subject to this regulation shall store in open containers spent or fresh VOC to be used for surface preparation, cleanup or coating removal. Containers for the storage of spent or fresh VOCs shall be kept closed, except when adding or removing material.</p> <p>D. No owner or operator shall use VOC for the cleanup of spray equipment unless equipment is used to collect the cleaning compounds and to minimize their evaporation to the atmosphere. <i>[Reference: 7 DE Admin. Code 1124, Section 8, dated 3/11/11]</i></p>	<p>disposal of VOCs. <i>[Reference: 7 DE Admin. Code 1130 Section 6.1.3.1.2 dated 12/11/00]</i></p>	

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
ii. Emission Limitation: None. iii. Operational Standard: None. iv. Operational Limitation: None.		
4. Industrial Cleaning Solvents.		
i. Emission Standard: None. ii. Emission Limitation: None. iii. Operational Standard: None. iv. Operational Limitation: The Company shall use less than 4,540 kilograms (5 tons) of cleaning solvent per year except for solvent uses associated with the following: A. Solvent degreasers. B. Any non-manufacturing area cleaning operation. C. Any non-routine maintenance of manufacturing facilities and equipment. <i>[Reference: 7 DE Admin. Code 1124, Section 45, dated 3/11/11]</i>	v. Compliance Method: Compliance with the emission standard of this condition shall be demonstrated in accordance with the monitoring/testing and recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i> vi. Monitoring: The Company shall monitor purchase and use of cleaning solvents monthly. vii. Testing: None. viii. Quality Assurance/Quality Control: None. ix. Recordkeeping: The Company shall keep inventory records showing monthly purchase, usage and disposal of cleaning solvents.	x. Reporting: An owner or operator of a source that uses organic solvents for the purpose of cleaning shall submit reports to the Department by January 31 each year for the previous year. The reports shall include the following information: A. The name and location of the facility. B. The address and telephone number of the person responsible for the facility. C. The tons of solvent used during the previous calendar year and a copy of the calculations that were performed to estimate the amounts. <i>[Reference: 7 DE Admin. Code 1124, Section 45, dated 3/11/11]</i> xi. Certification: A certification that the source is in compliance with the operational limitations of Section (iv) of this unit shall be included in the report required by Section (viii).

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
<p>5. General Testing Provisions</p> <p>i. Emission Standard: None.</p> <p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: Upon written request of the Department, an owner or operator of an air contaminant source shall, at his expense, sample the emissions of, or fuel used by, that source, maintain records and submit reports to the Department on the results of such sampling. <i>[Reference: 7 DE Admin. Code 1117, Section 2.2, dated 7/17/84]</i></p> <p>iv. Operational Limitation: None.</p>	<p>v. Compliance Method: Compliance with the operational standard of this condition shall be demonstrated in accordance with the monitoring/testing, recordkeeping and reporting requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>vi. Monitoring: None.</p> <p>vii. Testing: A. A test protocol shall be submitted in advance of the test date. The tests shall be conducted in accordance with the State of Delaware and Federal requirements. B. The test protocol shall be approved and the Department must have the opportunity to observe the test before the results are considered acceptable. Upon approval of the test protocol by the Department, the Company shall schedule the compliance demonstration with the Air Surveillance Branch. C. The owner or operator shall provide the Department with at least thirty (30) calendar days prior notice of any performance test when requesting scheduling. <i>[Reference: 7 DE Admin.</i></p>	<p>x. Reporting: A. The final results of the testing shall be submitted to the Department within sixty (60) days of the test completion. B. The results must demonstrate to the Department's satisfaction that the emission unit is operating in compliance with the applicable regulations and conditions of this permit. C. The final report of the results shall be submitted in a form approved by the Department. D. The Company shall propose corrective action in the final report should the test results show non-compliance. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>xi. Certification: A. The report shall be signed by a corporate official or his designee whose signature shall constitute his own and employer's certification that the data is accurate and complete. B. The final report shall include a certification of compliance clearly indicating each applicable term and condition of the permit whether the test fulfilled each pertinent permit condition. <i>[Reference: 7 DE Admin. Code</i></p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
	<p><i>Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>viii. Quality Assurance/Quality Control: None.</p> <p>ix. Recordkeeping: The Company shall keep the following test records as a minimum: A. Approved test protocol. B. Raw data. C. Calculations. D. Final report. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p>	<p><i>1130 Section 6(a)(3) dated 11/15/93]</i></p>
6. Inspection and Maintenance		
<p>i. Emission Standard: None.</p> <p>ii. Emission Limitation: None.</p> <p>iii. Operational Standard: The Company shall maintain and operate all sources, including associated equipment for air pollution control, in a manner consistent with good air pollution control practice for minimizing emissions. <i>[Reference: 7 DE Admin. Code 1101 Section 3.2, dated 2/1/81 and Regulation No. 1102, Section 11.6, dated 6/1/97]</i></p>	<p>v. Compliance Method: Compliance with the emission standard of this condition shall be demonstrated in accordance with the monitoring/testing and recordkeeping requirements of this section. <i>[Reference: 7 DE Admin. Code 1130 Section 6(a)(3) dated 11/15/93]</i></p> <p>vi. Monitoring: A. The Company shall inspect each emission unit annually. B. All equipment shall meet vendor specifications and industrial standards.</p> <p>vii. Testing: None.</p>	<p>x. Reporting: All records indicating exceedances of the standard in accordance with Conditions 2(b)(9) and 3(c)(2) of this permit. <i>[Reference: 7 DE Admin. Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/00]</i></p> <p>xi. Certification: None in addition to condition 3(c)(3) of this permit.</p>

Condition 3 – Table 1: Specific Requirements

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)	Reporting and Compliance Certification
iv. Operational Limitation: None.	viii. Quality Assurance/Quality Control: None. ix. Recordkeeping: The Company shall keep the following records: A. Inspection documents. B. Vendor instructions and manuals. C. Maintenance records for each unit. D. Operating instructions for each unit.	

Condition 4- Operational Flexibility

- a. In addition to the operational flexibility specifically provided in the terms and conditions detailed in Condition 3 – Table 1 of this permit, the Owner and/or Operator is authorized to make any changes within the facility which contravenes the terms and conditions of this permit without a permit revision if the change:
1. Is not a modification or otherwise prohibited under any provision of Title I of the Act or the State Implementation Plan (SIP); and *[Reference: 7 DE Admin. Code 1130 Section 6.8 dated 12/11/00]*
 2. Does not involve a change in any compliance schedule date; and *[Reference: 7 DE Admin. Code 1130 Section 6.8 dated 12/11/00]*
 3. Does not result in a level of emissions exceeding the emissions allowable under this permit, whether expressed herein as a rate of emissions or in terms of total emissions. *[Reference: 7 DE Admin. Code 1130 Section 6.8 dated 12/11/00]*
- b. Before making a change under the provisions of Condition 4(a) of this permit, the Owner and/or Operator shall provide advance written notice to the Department and to the EPA in accordance with Condition 3(c)(2)(iii) of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.8.1 dated 12/11/00]*
- c. The Owner and/or Operator shall keep records of any changes made under Condition 4 of this permit in accordance with Condition 3(b)(2)(iv) of this permit. *[Reference: 7 DE Admin. Code 1130 Section 6.8.1 dated 12/11/00]*

Condition 5- Compliance Schedule

This permit does not contain a compliance schedule. *[Reference: 7 DE Admin. Code 1130 Section 6.3.3 dated 12/11/00]*

Condition 6. Permit Shield.

This permit does not provide a permit shield and shall not be presumed to provide such a shield. *[Reference: 7 DE Admin. Code 1130 Section 6.6.3 dated 12/11/00]*

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pc: Dover (Title V) File

Attachment "A"- Revision History

<u>Date</u>	<u>Number</u>	<u>Revision Type</u>	<u>Description</u>	<u>Pages Revised</u>
<u>01/20/2021</u>	<u>AQM-003/00021-Renewal 1</u>	<u>Permit Renewal</u>	<u>Renewal of permit; updated to reflect operating conditions and limitations.</u>	<u>Entire Permit</u>